| Index | of Claims |
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| A | ppl | licat | ion/C | ontrol | No. |
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10/774,501

Examiner

Hong Cho

Applicant(s)/Patent under Reexamination

MARCE ET AL.

Art Unit

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| _   | (Through numeral)<br>Cancelled |
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Restricted

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| _ | Interference |

| A | Appeal   |
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| Cli            | aim  | Date           |   |          |           |          |              |                         |              |          |
|----------------|--|----------------|---|----------|-----------|----------|--------------|-------------------------|--------------|----------|
| Final          | Original   | 2/7/08         |   |          |           |          |              |                         |              |          |
|                |  | 1              | T | ╅        | t         | +        | +            | +                       | +            | +        |
|                | 1<br>2<br>3<br>4   | 1              |   | T        |           | T        |              |                         |              | T        |
|                | 3  |                |   | $\perp$  |           | Ι        | L            |                         |              |          |
|                | 4  | 1              | L | _        | $\perp$   | 1        | $\bot$       | ┸                       | _            |          |
|                | 5-   | ļ.,            | L | 1        |           | $\perp$  | 4            | _                       | 4            | ↓_       |
|                | 6<br>7   | 1              | ⊢ | +        | -         | +        | +            | +                       | +            | ╂_       |
|                | 9  | H              | H | ┿        | +-        | ╁        | - -          | +                       | +-           | -        |
|                | 8<br>9<br>10   | H              | ⊢ | ╫        | ╁         | ┿        | +            | +                       | ╢            | ╀        |
|                | 10   |                | - | +        | ╁         | ╁        | +            | ╁                       | +            | +-       |
|                | 11   | 1              | T | 1        | +         | +        | +            | $\top$                  | +            | +        |
|                | 12   | T              |   | T        | $\top$    | 1        | 1            | T                       | 1            | 1        |
|                | 13   |                |   |          | I         | T        |              |                         | 1            |          |
|                | 14   |                |   |          |           | $\Gamma$ |              | oxdot                   | $oxed{\Box}$ |          |
|                | 15   | <u>L</u>       | L | 1        | Т.        | ┸        |              | _                       |              |          |
|                | 16   |                |   | ┼        | _         | ╄        | 4_           | _                       | <u> </u>     |          |
|                | 1/   |                |   | ╀        |           | ╀        | +            |                         | ╀-           | <u> </u> |
|                | 18   | _              | _ | ╀        | +-        | ╀        | ╀            | - -                     | -            | -        |
|                | 20   | _              |   | ╁        | ╂         | ╀        | ┿            | ╫                       | ╁            | ₩        |
|                | 21   | -              | _ | ╁╴       | ┼┈        | ╁        | +            |                         | +            | $\vdash$ |
|                | 22   |                | _ | ╁.       | +         | +        | +            | +-                      | +            | Н        |
|                | 11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24 |                |   | T        | T         | T        | $\top$       | 1                       | †            | H        |
|                | 24   |                |   | 1        | 1         | 1        | 1            | $\top$                  | 1            | П        |
|                | 25   |                |   |          | $\Box$    | Г        | $oxed{\Box}$ | $oldsymbol{\mathbb{L}}$ |              |          |
|                | 25<br>26<br>27   |                |   | <u> </u> | L         | L        | $\perp$      | <u> </u>                |              |          |
|                | 27   | $\Box$         |   | <u> </u> | ╀-        | ╀        | 4_           | $\perp$                 | -            | Ш        |
| $\dashv$       | 28<br>29   | $\dashv$       |   | ╂        | -         | ╄        | +-           | +-                      | -            | Н        |
|                | 30   | $\dashv$       |   | ⊢        | ╁         | ╁        | ╄            | +                       | ╁            | $\vdash$ |
| <del> </del>   | 31   | $\vdash$       | _ | $\vdash$ | ╁╴        | ╁        | ╁            | +                       | ╁            | $\vdash$ |
|                | 32   | $\neg \dagger$ |   | $\vdash$ | †-        | +        | +            | ╁                       |              | Н        |
| 一              | 33   | $\neg$         | _ |          | T         | T        | †            | 1                       | T            | Н        |
|                | 34   |                |   |          |           | İ        |              | I                       |              |          |
| I              | 35 l   | $\Box$         |   | Ľ        |           |          |              |                         |              |          |
|                | 36<br>37   |                |   |          | $oxed{L}$ | 1        |              |                         |              | Щ        |
| $- \downarrow$ | 37   |                |   |          | _         | ┞        | 1_           | _                       |              | Ш        |
|                | 38<br>39   |                |   | $\vdash$ | $\vdash$  | -        | 1            | ╄                       | ├            | Н        |
| -              | 40   | $\dashv$       |   | -        | ├         | $\vdash$ | +-           | +                       | $\vdash$     | $\vdash$ |
| +              | 41   | -              |   | $\vdash$ | $\vdash$  | $\vdash$ | +            | ╁                       | $\vdash$     | H        |
| -              | 42   | $\dashv$       |   | $\vdash$ |           | $\vdash$ | +            | +                       | $\vdash$     | $\vdash$ |
|                | 43   | 7              | _ | Г        | $\vdash$  | H        | $\vdash$     | 1                       | Н            | $\dashv$ |
|                | 44   |                | _ |          |           | T        |              |                         |              | $\neg$   |
|                | 45   |                |   |          |           |          |              |                         |              |          |
| $\Box$         | 46   | $\Box$         |   |          |           |          |              |                         |              |          |
|                | 47   |                |   |          |           | $\Box$   | $\Box$       |                         |              |          |
|                | 48   | _              | _ |          | _         | <u> </u> |              | <b> </b>                | Щ            | _        |
|                | 49   | $\dashv$       |   |          | <u> </u>  | <u> </u> | ├-           | 1                       | $\sqcup$     | $\dashv$ |
| - 1            | 50   | - 1            |   |          | ľ         | 1        | 1            | ı                       | ıl           | - 1      |

| CI                                      | Claim    |              | Date         |   |          |              |              |           |          |              |          |          |  |
|---|----------|--------------|--------------|---|----------|--------------|--------------|-----------|----------|--------------|----------|----------|--|
| Final                                   | Original |              |              |   |          |              |              |           |          |              |          |          |  |
|   | 51       |              | T            |   |          | $\top$       | 1            |           |          |              | T        | T        |  |
|   | 52<br>53 |              |              |   |          | I            | I            |           |          |              | T        |          |  |
|   | 53       | $oxed{\Box}$ |              |   |          | Ι            |              |           |          |              |          | I        |  |
| <u> </u>                                | 54       |              | 1            | _ | _        | 1            | 4            |           | L        | 1            | ┸        | ┸        |  |
| -                                       | 55       | ╀            | 4            |   | _        | ╀            | 4            |           | L        | 4_           | 4_       | ┸        |  |
|   | 56       | ╀            | ╀            |   | L        | ╀            | +            |           | _        | ╄-           | 4-       | 4        |  |
| <del> </del>                            | 57<br>58 | ╁            | ╁            | - | $\vdash$ | +            | +            | _         | -        | ╀            | ╁        | ╁        |  |
| <u> </u>                                | 59       | $\vdash$     | ╁            | - | -        | ╁            | +            | _         | ┝        | +            | +        | +        |  |
|   | 60       | ╁            | ╁            |   | Н        | +            | ╅            |           | H        | +            | 十        | +-       |  |
| _                                       | 61       | T            | Ť            |   | Н        | $\dagger$    | t            |           | ┪        | +            | +        | T        |  |
|   | 62       |              | T            | _ |          | $^{\dagger}$ | Ť            |           | Г        | 1            | ⇈        | ✝        |  |
|   | 63<br>64 |              |              |   |          | T            |              | _         |          |              | $\top$   | 十        |  |
|   | 64       |              | Ι            |   |          | Τ            | Ι            |           |          |              |          | $\perp$  |  |
| <u> </u>                                | 65       | L            | ┸            |   |          | L            | 1            |           |          |              |          | $\perp$  |  |
| ļ                                       | 66       | L            | 1            | 4 |          | L            | 1            |           |          |              | _        | ┖        |  |
| ļ                                       | 67       | L            | $\downarrow$ | 4 |          | $\vdash$     | 1            |           | _        | ╀            | ╄        | 1_       |  |
|   | 68       | L            | ╁            | 4 |          | ╀            | +            | _         | _        |              | ╀        | ļ        |  |
| -                                       | 69<br>70 | ⊢            | ╀            | 4 |          | ╀            | ╀            | _         | _        | ╁            | +        | ╀        |  |
|   | 71       | H            | ╁            | - | _        | ╁            | +            | _         |          | ⊢            | ╁        | +-       |  |
| -                                       | 72       | -            | ╁            | ┪ | _        | ╁            | +            | _         |          | +            | +        | +        |  |
|   | 73       |              | t            | 1 |          | t            | t            | ٦         |          | $\vdash$     | ┼─       | +        |  |
|   | 74       |              | T            | 1 |          |              | ╁            | T         |          |              | 十        | Т        |  |
|   | 74<br>75 |              |              |   |          | Π            |              |           |          |              |          |          |  |
|   | 76       |              |              |   |          | L            |              |           |          |              |          |          |  |
|   | 77       | _            | L            | 1 |          | L            | Ļ            | $\rfloor$ |          |              |          |          |  |
|   | 78       | _            | Ļ.           | 4 | _        | ļ_           | $\downarrow$ | 4         |          |              | <u> </u> | ▙        |  |
|   | 79       | <u> </u>     | ┡            | 4 |          | ┝            | ╀            | 4         |          | ┞            | _        | ├        |  |
| -                                       | 80<br>81 | _            | ├            | 4 | _        | -            | ╀            | 4         |          | <u> </u>     | -        | ├-       |  |
|   | 82       | -            | ╁            | + | _        | ┝            | ╁            | ┨         |          | ├            | ╁        | ├        |  |
|   | 83       | -            | H            | + | _        | ╁            | ╁            | ┪         |          | <del> </del> | ┢        | H        |  |
|   | 84       | _            | H            | † |          | ┢            | t            | i         |          | -            | ┢        | ┢        |  |
|   | 85       | _            | Г            | † |          | T            | T            | 7         | _        |              | T        | -        |  |
|   | 86       |              |              |   |          |              | Ī            | 7         |          |              |          |          |  |
|   | 87       |              |              | I |          |              |              |           |          |              |          |          |  |
| $\sqcup$                                | 88       |              |              | 1 |          |              | L            | 1         |          |              | <u> </u> | _        |  |
|   | 89       | _:           | _            | 4 |          |              | L            | 4         |          |              |          | L.       |  |
| $\vdash$                                | 90       |              | _            | 4 |          | _            | L            | 4         |          |              |          | _        |  |
| $\vdash$                                | 91       | _            | H            | + |          | _            | ┞            | 4         | _        |              | _        | <u> </u> |  |
| $\vdash$                                | 93       | _            | _            | + |          | _            | ┞            | +         | _        | _            | <u> </u> | _        |  |
| $\vdash$                                | 94       |              | $\vdash$     | + |          | _            | -            | +         | -        |              | $\vdash$ | -        |  |
| <del>   </del>                          | 95       |              | -            | † |          | -            | $\vdash$     | +         | _        | -            | -        | _        |  |
|   | 96       |              |              | t |          |              | $\vdash$     | +         | $\dashv$ |              |          | -        |  |
|   | 97       |              |              | Ť |          |              | Γ            | 1         |          |              |          |          |  |
|   | 98       |              |              | Ī |          |              |              | 1         |          |              |          |          |  |
| $\perp 1$                               | 99       |              |              | Γ |          |              |              | T         |          |              |          |          |  |
| لــــــــــــــــــــــــــــــــــــــ | 100      |              |              |   |          |              | L            | 1         |          |              |          |          |  |

| С  | laim                                   |          | Date     |              |                |              |              |              |  |                 |  |
|--|--|----------|----------|--------------|----------------|--------------|--------------|--------------|--|-----------------|--|
|  |  |          | Т        | $\top$       | $\top$         | Ť            | T            | $\top$       | Т  | 1               |  |
| <u></u>  | Original                               | ĺ        |          |              | 1              |              |              | 1            |  |                 |  |
| Final  | l ġ                                    |          |          |              | ĺ              |              |              | ı            |  | 1               |  |
| -  | 0                                      |          | 1        |              |                |              |              | 1            |  |                 |  |
| <del>                                     </del> | 101                                    |          | ╁        | +            | +              | +            | ┿            | ╁            | +  | +               |  |
| <del></del>                                      | 101<br>102                             | ┢        | H        | +            | +-             | ╁            | +            | ╁            | ╁  | +               |  |
|  | 102                                    | -        | ╁        | ╁            | ╁              | ╁            | ╁            | +            | +-   | ╁               |  |
|  | 103<br>104<br>105<br>106<br>107<br>108 | -        | ╁        | +            | ╁              | ╁            | +            | +            | ╁  | +               |  |
| $\vdash$   | 105                                    | $\vdash$ | H        | ╁            | ╁              | ╁            | +            | +-           | +  | ╁               |  |
|  | 105                                    | -        | ┝        | ╁            | +              | ┿            | ╂            | ╁╴           | ╁  | +               |  |
|  | 107                                    | -        | H        | +            | +-             | ╁            | +            | +            | ╁  | +               |  |
|  | 107                                    | ┝        | ╁        | ╁            | +              | ╁            | +            | ╁            | ╀  | ╁               |  |
| <u> </u>   | 100                                    | ⊢        | ├        | +            | +              | +-           | ┿            | ╁            | ┿  | +               |  |
|  | 109<br>110                             |          | ┢        | +            | +              | +            | ┿            | ╁            | ╁  | +               |  |
|  | 111                                    | -        | ╁        | +            | +              | +            | ╁            | ┿            | ╫  | +               |  |
| _  | 112                                    | <u> </u> | ├-       | ╁            | ╁╴             | ╁            | +            | +            | +  | +               |  |
|  | 112                                    |          | H        | +            | +              | ╁            | +            | ╁            | ╁  | +               |  |
| <del></del>                                      | 111<br>112<br>113<br>114<br>115        | -        | ⊢        | ╁            | ╁              | ╁            | ╁            | +            | +-   | +               |  |
| <del> </del>                                     | 114                                    | -        | ┝        | ╁            | +              | +-           | ╫            | +            | ┼  | +               |  |
|  | 115                                    | _        | ┝        | ╁            | +              | ╁            | +            | +            | ╄  | $\vdash$        |  |
|  | 116<br>117<br>118                      |          | ┝        | ╀            | +-             | +            | +            | ╁            | +  | +               |  |
|  | 117                                    |          | $\vdash$ | +            | +              |              | ╄            | ╀            | ╁  | $\vdash$        |  |
|  | 110                                    |          | L        | ╀            | ╀              | ╀            | +            | +            | -  | $\vdash$        |  |
|  | 119                                    |          | H        | ╀            | ╀              | +            | +            | ╀            | ┼—   | $\vdash$        |  |
|  | 120<br>121                             |          | <u> </u> | ╁            | ╀              | ┼-           | +            | ╀            | ┼-   | Н               |  |
|  | 121                                    |          | ┝        | ╀            | ╄              | +            | +-           | ╀            | ╀  |                 |  |
|  | 122<br>123<br>124<br>125<br>126<br>127 |          | L        | ╄            | ╁              | ╁            | +-           | ┢            | ├-   | Н               |  |
|  | 123                                    |          | _        | ╁.           | +              | ╀            | ╀            | ┼-           | ╄  | $\vdash$        |  |
|  | 124                                    |          | _        | +-           | -              | -            | +            | -            | ╀  | $\vdash$        |  |
|  | 125                                    |          | _        | $\vdash$     | +              | ╀            | ┼-           | ┼            | ├-   | $\vdash$        |  |
|  | 120                                    |          | _        | ┼-           | ╀              | ₽-           | +-           | <del> </del> | _  | Ы               |  |
|  | 127                                    |          |          | ╀            | ┼—             | ┿-           | +            | ⊢            | ├  | Н               |  |
|  | 128<br>129<br>130                      | _        |          | ╁            | ┼              | +-           | ╀            | ╀            | -  | H               |  |
|  | 129                                    |          | _        | ╀            | ⊬              | ╀            | ┾            | <del> </del> | ┢  | ⊢-∤             |  |
|  | 130                                    | -        |          | ┼—           | -              | ┢            | -            | <del> </del> | ├-   | Н               |  |
|  | 131<br>132<br>133                      |          |          | -            | -              | ⊢            | ⊢            | ├            | ├  | Ш               |  |
|  | 132                                    |          | _        | <b>├</b> ─   | ╀              | ┡            | ┢            | ├            | <u> </u>   |                 |  |
|  | 133                                    | $\dashv$ | _        | -            | ╀              | $\vdash$     | +            | ├            | <del>                                     </del> | Н               |  |
|  | 134<br>135                             |          |          | $\vdash$     | $\vdash$       | -            | <del> </del> | ├            |  | $\vdash$        |  |
|  | 135                                    | -        |          | -            | $\vdash$       | ₩            | +            | -            | <del> </del> —                                   | $\vdash \vdash$ |  |
|  | 136                                    | $\dashv$ |          | ╀            |                | ₩            | -            | $\vdash$     | $\vdash$   | $\vdash$        |  |
| -+   | 137<br>138                             | $\dashv$ | _        | <del> </del> | ⊢              | $\vdash$     | $\vdash$     | -            | $\vdash$   | Н               |  |
|  | 139                                    | -        |          | ├            | $\vdash$       | ├            | $\vdash$     | ⊢            | ├  | Н               |  |
|  | 140                                    | -        | _        | -            | $\vdash$       | $\vdash$     | -            | $\vdash$     | <del> </del>                                     | $\vdash$        |  |
|  | 141                                    | -        |          | -            | ┼              | $\vdash$     | ╁            | $\vdash$     | <u> </u>   | $\vdash$        |  |
| -  | 142                                    | -        |          | <u> </u>     | <del> </del> — | -            | -            | <del> </del> |  | $\vdash$        |  |
| $\dashv$   | 143                                    | -        | _        | -            | $\vdash$       | <del> </del> | ├            | -            | $\vdash$   | $\vdash \vdash$ |  |
|  | 144                                    | $\dashv$ |          | -            | -              | ├            | ├-           | <del> </del> | -  | $\vdash$        |  |
|  |  | $\dashv$ |          | _            | -              |              |              | $\vdash$     | $\vdash$   | $\dashv$        |  |
|  | 145                                    | $\dashv$ | _        |              | -              | <u> </u>     | $\vdash$     | H            | Ш  | $\sqcup$        |  |
|  | 146<br>147                             | $\dashv$ |          | _            | ├              | _            | Η.           |              | Ш  | $\dashv$        |  |
|  |  | $\dashv$ |          | <u> </u>     | ├-             |              | -            | <u> </u>     | Н  | -               |  |
|  | 148                                    | -        |          | <u> </u>     | $\vdash$       | <u> </u>     |              |              | $\square$  | _               |  |
| _  | 149                                    | 4        |          |              | <u> </u>       | L            | _            | Щ            |  |                 |  |
|  | 150                                    |          |          |              |                |              |              |              |  |                 |  |